


## Agenda Overview

### Day 1, September 19, 2025, Friday (GMT+2)

Duration	Event	Venue
10:00-17:00	Arrival Registration & Conference Material Collection	Lobby of Wellness Hotel Step
<b>Note:</b> the arrival registration can be done on September 20, 2025.		

Duration	Event	Venue
10:00-10:10	 <b>Online Test:</b> Prof. Pedro Bertemes-Filho	
10:10-11:00	CZ0031, CZ2029, CZ2036, CZ0021, CZ2016, CZ0020	

**Note:** This online testing session is only intended for authors who will attend the conference virtually. Onsite participants do not need to join this session.

### Day 2, September 20, 2025, Saturday (GMT+2)

Duration	Event	Venue
09:00-09:10	<b>Opening Remarks</b> Prof. Ralf Hofstaedt, Bielefeld University, Germany	Congress Room D (GF)
09:10-09:40	<b>Keynote Speaker I</b> Prof. Qihua Tan, University of Southern Denmark, Denmark Speech Title: "Identification of Differentially Methylated Genomic Regions in Women with Polycystic Ovary Syndrome"	

09:40-10:10	<b>Keynote Speaker II</b> Prof. Dr. G.V. Shivashankar, ETH Zurich and Paul Scherrer Institute, Switzerland Speech Title: “AI-based Chromatin Imaging Biomarkers in Health and Disease”	
10:10-10:40	<b>Group Photo &amp; Coffee Break</b>	
10:40-11:00	<b>Invited Speaker I</b> Prof. Chanchal Mitra, University of Hyderabad, India Speech Title: “Diabetes and the Need for Personalization of Medical Care”	Congress Room D (GF)
11:00-11:20	<b>Invited Speaker II</b> Assoc. Prof. Yingxue Ren, Mayo Clinic, USA Speech Title: “Scplotter: A Unified Framework for Advanced Visualization in Single-Cell and Imaging Biology”	
11:20-11:40	<b>Invited Speaker III</b> Dr. Anima Kujur, Heidelberg University, Germany Speech Title: “Multimodal Neuroimaging Integration Using Deep Learning and Koopman Operator-Based Analysis of Neural Signal Dynamics”	
11:40-12:00	<b>Invited Speaker IV</b> Dr. Mardhiah Kamaruddin, Universiti Malaysia Kelantan, Malaysia Speech Title: “Application of Back-Transformation Method to Interpret the Transformed Data”	
12:00-13:20	<b>Lunch---Venue: Galerie Restaurant</b>	

Duration	Venue: Congress Room E (GF)	Venue: Congress Room F (GF)
13:20-13:40	<b>Invited Speaker V</b> Dr. Roberto Sotero, Diaz-University of Calgary, Canada Speech Title: "Physics-Informed Neural Networks for Multiscale Brain Modeling: From Traveling Waves to Directed Functional Connectivity"	<b>Invited Speaker VI</b> Dr. Mohammad Rizwan, University of Lodz, Poland Speech Title: "Development of Electrochemical Immunosensor for the Detection of Prostate Specific Antigen using a Bioengineered Novel Interface"
13:40-15:40	<b>Oral Session 1-Medical Image Analysis and Processing Based on Intelligent Models</b> CZ0038, CZ0002, CZ2030-A, CZ2041, CZ2012-A, CZ0019, CZ0026, CZ0029	<b>Oral Session 2-Biomedical Signal Processing and Health Assessment Based on Biomedical Datasets</b> CZ2032, CZ0004, CZ2014, CZ2028, CZ0009, CZ2025, CZ2008-A, CZ2031

15:40-16:00	<b>Coffee Break</b>	
16:00-16:20	<b>Invited Speaker VII</b> Dr. Yan W. Asmann, Mayo Clinic, USA Speech Title: "The Data Science of Cancer Neoantigen Discovery and Prioritization"	<b>Invited Speaker VIII</b> Dr. Souvik Kar, International Neuroscience Institute, Germany Speech Title: "Adhesion GPCR ADGRL4/ELDT1 as a novel potential Prognostic Biomarker for Cerebral Cavernous Malformation Diseases"
16:20-18:20	<b>Oral Session 3-Computational Biology for Disease Mechanism Decoding and Intelligent Diagnosis</b> CZ2038-A, CZ0022, CZ0027, CZ0032, CZ0028, CZ0043, CZ2010-A, CZ0045	<b>Oral Session 4-Functional Restoration and Intelligent Assistive Technologies in Biomedicine</b> CZ2040-A, CZ0011, CZ0012, CZ2037-A, CZ2002, CZ2022, CZ0036-A, CZ0041
18:30-20:30	<b>Dinner---Venue: Galerie Restaurant</b>	

### Poster Session- Venue: Lobby of Congress Room D

15:00-17:00	<b>Poster Session- Genetic Analysis and AI-Driven Clinical Decision Support</b> CZ2007-A, CZ2019-A, CZ0015-A, CZ2021-A, CZ0018-A, CZ2017-A, CZ0030-A, CZ2033-A
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## Day 3, September 21, 2025, Sunday (GMT+2)

 <b>Online Session</b>	
10:00-10:20	<b>Invited Speaker IX</b> Prof. Dr. Pedro Bertemes-Filho, Santa Catarina State University, Brazil Speech Title: "Bioimpedance as a Coadjuvant for Tissue Characterization"
10: 20-11:50	<b>Online Session- Multimodal Health Monitoring Technologies and Computational Methods for Health Analytics</b> CZ0031, CZ2029, CZ2036, CZ0021, CZ2016, CZ0020

### Tips:

Please arrive at the Conference Room/ ZOOM 15 minutes ahead of the session. The duration for Keynote Speech: about 25 minutes of presentation and 5 minutes of Q&A. The duration for Invited Speech: about 15 minutes of presentation and 5 minutes of Q&A. The duration for Regular Presentation: about 12 minutes of presentation and 3 minutes of Q&A.